

## Objective

Seeking full time software development positions in the San Francisco Bay Area, especially those focusing on web development, Android development, software security, and virtual reality applications in Unity or Unreal Engine.

## Skills & Experience

### Programming Languages:

Strong: C, C#, Python, Java, SQL, BASH  
Learning: OpenGL & GLSL, C++

### Operating systems:

- Extensive Linux desktop & server
- Windows 7, 8.1 & 10

### Programs & Environments:

- Android Studio, Unity 5, Visual Studio, IntelliJ
- Learning: Blender, Unreal Engine 4
- Virtualbox, VMware, AWS

## B.S., Computer Science

Grand Valley State University Dec. 2015

### Computer Security :

- Network monitoring (Wireshark, pcap)
- Intrusion detection & Honeypots
- Pentesting suites (Metasploit, Armitage)
- Windows & Linux software firewall
- Practical cryptography
- SQL injection prevention

## Recent Endeavors

- Ongoing work on "Square Wars" - capstone project in Unity
- Atomic Games 2015 - Atomic Games Hackathon - Othello AI
- Udemy: Android 6.0 Course (active development)
- Udemy: Unreal Engine 4.5 course (active development)

Github.com/point01/square-wars  
Github.com/point01/atomic-othello  
Github.com/point01/android\_course  
Github.com/point01/unreal\_course

## Prior Employment

### Edmodo - San Mateo, CA (Internship)

May-Aug 2015

- Designed and implemented scanning tools for inappropriate text content in many formats
- Designed an improved rate-limiting system using Python & Redis over old PHP implementation
- Fixed security issues in PHP backend, built tools to automatically detect & fix issues
- Light DevOps work in Amazon Web Services

### Grand Valley Surplus Store - Grand Rapids, MI

Jun-Sep 2014

- Managed FOG server & tested hardware, renewed computers & electronics for sale
- Directly aided customers at checkout & on floor during sales

## Voluntarism & Student Organizations

### Computer Security Team - Grand Valley (Teammate)

2013 - 2014

- Team coordinator, 2013-2014 school year: organized meetings, researched & taught skills
- Competitor: 2014 Michigan Collegiate Cyber Defense Competition

### Student Environmental Coalition - Grand Valley (Treasurer)

Sep-Dec 2013

- Balanced budget, wrote and presented funding requests
- Secured 100% of funding for Powershift conference travel (20 student attendees)
- Helped coordinate & execute events including GVSU Zero-Waste football game

### Center For Inquiry - Grand Valley (Service Coordinator, Treasurer, Vice President)

2011-2013

- Coordinated with other officers public speech by Dr. Neil deGrasse Tyson (4,000 attendees)
- Coordinated and lead volunteer service projects & events

GVSU Fencing club - GVSU Computing Club - GVSU Backpacking Club - ACM Member  
Multimedia artist - Outdoorsman - Electronic Music Junkie - Amateur Game Developer